

HAD NEWSLETTER
SEPTEMBER 1986

Dues and Membership Status -- David DeVorkin

Since our last NEWSLETTER in May/June, 1986, when a major plea was sent out to all AAS/HAD members and HAD Affiliate members to renew their membership, and, in the case of Affiliates, to provide additional dues to cover the cost of keeping the names of Affiliate members in the annual AAS Directory, only 17 Regular members renewed and, of far greater concern, only 16 Affiliates provided the prorated surcharge.

Even though a clear majority of those who responded to the questionnaire last year concerning the surcharge approved it, and the HAD voted last January to levy it, the response thus far has not been sufficient to assure that the HAD treasury will not be seriously depleted in several years unless the response by Affiliates (and overdue Regulars) picks up. I might only remind Affiliates that the HAD will be charged over \$300 this month for the inclusion of Affiliate names in the 1987 AAS Directory. We will pay, of course, but this is a significant bite out of the (approximate) \$1500 HAD bank balance.

The best course to take at this point is to assume that all overdue HAD members require only this reminder. Please have another look at your last NEWSLETTER, especially at the enclosed printout of your membership and dues status, and act accordingly as soon as possible. If the response does not pick up by the January meetings in Pasadena, the Executive Committee will have to consider dropping all members, both Regular and Affiliate, who have not responded properly by that time. To the best of our ability, a special warning letter will be sent to all HAD members who are seriously overdue in renewing or providing the surcharge before their names are dropped from the roster.

-Regular Members:

The dues for Regular members is simple: \$6.00 for three years. As I noted in the last NEWSLETTER, upon examining your enclosed membership status printout:

IF YOUR "DUES LAST PAID" ENTRY IS MORE THAN THREE YEARS OLD, AND YOU HAVE REASON TO SUSPECT THAT THIS IS NOT CORRECT, PLEASE CONTACT ME IMMEDIATELY. OTHERWISE, I WILL EXPECT YOU TO RENEW YOUR MEMBERSHIP, OR LET YOUR MEMBERSHIP LAPSE BY THE END OF THIS YEAR. A SECOND WARNING WILL BE ISSUED IN THE NEXT NEWSLETTER.

-Affiliate Members:

As also noted in the last NEWSLETTER, dues for Affiliates has become a bit more complicated. Again, I repeat from the last issue the formula we came up with:

Based upon a questionnaire sent to HAD members last year, and ratification by those present at the HAD business meeting at the January AAS meetings in Houston, there will be a surcharge levied on all Affiliate members of the HAD to cover costs of printing Affiliate names in the annual AAS membership directory. The HAD Executive Committee proposed, and the membership ratified, the condition that all Affiliates must pay this surcharge, and that

consequently, all HAD members' names will appear in the AAS Directory. The AIP charges the AAS \$3.00 per name per year, and will start charging this year; the three year surcharge amounts to \$9.00. Please refer to previous HAD Newsletters for the whole story of how this situation arose. In brief, the AIP has levied this surcharge if Affiliates' names are to be included in the Directory, and we voted that they should be.

Since members all have different anniversary dates for paying dues, I ask each of you to determine when your dues are to be renewed from looking at the attached printout [in last NEWSLETTER], and then determine what amount of surcharge is expected to bring the surcharge in line with your dues cycle.

If you last paid, for example, in May, 1985, your next dues date will be May, 1988, and so approximately two years remain. To bring the surcharge date in line with your anniversary date, then, please remit two years', or \$6.00, surcharge. Those who paid sometime in 1984 should remit \$3.00, etc.

Of course, if your dues are now up and you wish to renew basic membership, you will be expected to pay the full (\$6.00 + \$9.00) \$15.00 membership fee.

Since only 16 Affiliates have responded since then, and there are over 100 Affiliates listed in our membership registry, I am greatly concerned that something more than apathy is afoot. As I see it, the vitality of the HAD is in question from the poor response of both Regular and Affiliate members. Yet there have been no hints that we are not meeting the needs and interests of those who originally signed up as HAD members. If the response does not improve by January, I can well imagine that the Executive Committee, as well as anyone attending the HAD Business meeting, will be pondering this question.

If you are not interested in maintaining your membership in the HAD, please let me know so I can drop your name from the roster.

The Pasadena Meeting -- January 1987 - Ed Krupp

Annual Meeting
of the
Historical Astronomy Division
of the
American Astronomical Society

H.A.D.'s 1987 annual meeting will coincide with the 169th Meeting (4-8 January 1987) of the American Astronomical Society, in Pasadena, California. Regular H.A.D sessions are scheduled for the morning and afternoon of Thursday, 8 January 1987. The Division's business meeting will take place at noon on 8 January, right after the close of the morning session. Because it is the Division's turn once again to invite a speaker for a Society lecture, Dr. Karl Hufbauer, University of California, Irvine, will present a talk on "The stellar energy problem from Eddington to Bethe, 1924 - 1939." It will precede the Thursday afternoon H.A.D. session of invited and contributed papers.

There are several immediate deadlines all HAD members must be concerned with: the deadline for paper abstracts is October 17. ALL ABSTRACTS, WHETHER THEY BE FOR THE HAD SESSIONS HELD DURING THE REGULAR AAS MEETINGS, OR THE SPECIAL HAD SESSION HELD AFTER THE MEETINGS, SHOULD BE SENT TO THE AAS EXECUTIVE OFFICE AS PER USUAL PRACTICE. The usual abstract forms should be with you now, mailed in "The Preliminary Announcement" for the Pasadena AAS meeting, January 4 - 8, 1987. The AAS Executive Office mailed the Preliminary Announcement on September 12.

Be sure to complete the abstract form in its entirety. Do not forget to tick off the box indicating that your paper is intended for a HAD session.

H.A.D. Special Session

On Friday, 9 January 1987, the Division will hold a special session at the William Andrews Clark Library, in the West Adams district of Los Angeles. The Library is owned and operated by U.C.L.A., and Professor Norman Thrower, Director of the Clark Library, will welcome the H.A.D. and present some background on the astronomical connections of the Library. The Clark Library exists to serve scholars interested in the area of seventeenth and eighteenth century English culture, including science; it was the site during the recent comet season of a major symposium on Newton and Halley. It provides a felicitous environment for a scholarly meeting. Morning and afternoon sessions will be scheduled provided enough papers are submitted and accepted to warrant a second full day of H.A.D. activity. A bus will be chartered to transfer those who need transportation from Pasadena and back again. If an all-day program is scheduled, it will be necessary to make special arrangements for lunch. There are no restaurants or cafes near the Clark Library. The cost of bus transportation is estimated to be \$7.00 per person, and a catered lunch at the Clark will cost about \$7.50. Please advise Ed Krupp if you will be wanting bus transportation and/or lunch by sending the tearsheet in this newsletter to him at:

Griffith Observatory
2800 East Observatory Road
Los Angeles, CA 90027

If there is sufficient interest, he will make the necessary arrangements and notify you how to make the required advance payment.

H.A.D. Archaeoastronomy Field Trip

The Historical Astronomy Division will be sponsoring an all-day field trip on Saturday, 10 January 1987, to two California Indian rock art sites with astronomical connotations. Because access to these sites is highly restricted, this trip will be limited to one bus only. Only those who make a reservation for the entire package--transportation, site tours by Ed Krupp, and catered lunch--may participate. The sites include Burro Flats, a Chumash Indian site on the grounds of Rocketdyne's Santa Susana Test Facility, in the mountains bordering the northwest corner of the San Fernando Valley. This complex site includes one of the most elaborate California Indian painted panels still in existence, and both winter and summer solstice light-and-shadow phenomena have been observed at components of the site. The H.A.D. has been granted special permission by

Rocketdyne for access to the site, which is otherwise closed to visitors. Physical access and other practical considerations at Burro Flats limit the size of the group that can see the site.

After a morning visit to Burro Flats, the tour will continue by bus to Agua Dulce Canyon in Vasquez Rocks County Park, north of Los Angeles. Vasquez Rocks has been used for decades as a setting for motion pictures, especially westerns, and the peculiar formations are picturesque. On arrival, the group will be served a memorable alfresco California Nouveau lunch by professional caterers. After lunch, the tour will continue with visits to over half dozen petroglyph and pictograph panels in nearby Agua Dulce Canyon. Attributed to Chumash and Alliklik Indians, these sites include numerous celestial symbols. In late afternoon, the tour will return to Pasadena.

The cost for the tour, including lunch, is \$25, and advance payment must be sent to Ed Krupp to secure a reservation. Once the bus is filled, no more can be accommodated. If you are interested in participating, please send your payment to Ed now. The last H.A.D. field trip was oversubscribed, and only half as many can participate in this one. If you intend to go, please fill out the tearsheet and send it with \$25, payable to E.C. Krupp, to

Ed Krupp
Griffith Observatory
2800 East Observatory Road
Los Angeles, California
90027

Election of New Officers

The Nomination Sub-Committee of the HAD has proposed the following slate of candidates for the office of Vice-Chairman and two Committee members. David DeVorkin continues as Secretary/Treasurer and the present Vice-Chairman, Donald Osterbrock, will assume the Chairmanship at the January 1987 meeting, where the results of the present ballot also will be announced. But note that in accordance with the HAD By-Laws (Article III, Part 6) "additional candidates may be nominated by petition of at least 10% of the Membership, or 10 Members, whichever is greater." This petition must be received within 30 days (or by October 25, effective). A place in each category is provided on the ballot to place your petition. If no one name garners the required percentage, then the present ballot is the official ballot. If one or more names do qualify, then a second ballot will be issued in November with the final HAD program for Pasadena.

Vice-Chairman (vote for one)

KATHERINE BRACHER: A.B., Mount Holyoke College, 1960; A.M., Indiana University, 1962; Ph.D., Indiana University, 1966 (astronomy). Taught for two years at USC (1965-1967) and then came to Whitman College, where she is currently Professor of Astronomy. She is currently a HAD Committee member, and is active in the ASP History Committee. Since 1983 she has produced a monthly column for Mercury entitled "Echoes of the Past," and she is currently engaged

in a study of the history of the ASP in anticipation of their 1989 centennial. Her interests include archaeoastronomy and ancient eclipses. She is a member of Sigma Xi and Phi Beta Kappa.

LEROY DOGGETT: B.S. U. Mich (astronomy) 1964; M.A. Georgetown (astronomy) 1970; Ph.D. North Carolina State University (engineering mechanics) 1981. He has 21 years experience in Nautical Almanac Office USNO with specialties in celestial mechanics, astronomical constants, planetary theory and computerization of ephemerides. Member of the USNO history committee. Conducted oral history interviews with former USNO staff members on the history of USNO; organized HAD conference on astronomical data for historical purposes. He is presently Associate editor of the Quarterly Journal Archaeoastronomy (with John Carlson), and is head, publication branch of the Nautical Almanac Office.

Committee Members (vote for two)

SAMUEL J. GOLDSTEIN, Jr.: Taught electrical engineering at Stanford and astronomy at Harvard and is presently teaching astronomy at the University of Virginia. He has worked in radio astronomy and in celestial mechanics. He regards Jean Picard and Ole Roemer as skilled comrades in his attempts to understand the motions of the Galilean satellites. Claudius Ptolemy appears to Goldstein as a fellow worker in the history of astronomy. Goldstein is presently trying to understand the work of Ptolemy, Picard and Roemer, and the celestial mechanics of their respective eras.

ARTHUR A. HOAG: Formerly of the U.S. Naval Observatory, the Kitt Peak National Observatory, and the Lowell Observatory. Has contributed to astronomical photoelectric and photographic photometry, instrumentation, site evaluation and protection, the study of open clusters, and the discovery of QSOs by slitless spectroscopy. Is a charter member of HAD, and has fostered the study of the history of Lowell Observatory. Has a deep abiding interest in the continued activity of the HAD.

BARBARA WELTHER: Historian of astronomy at the Harvard - Smithsonian Center for Astrophysics. She works in the Archives on the lives of the men and women astronomers at Harvard in the 19th and early 20th centuries. At each of the past five HAD meetings she has presented papers on her research, as well as at meetings of the History of Science Society and the XVIIth International Congress of the History of Science in 1985. She holds a BA in astronomy from Wellesley and an MA in the history of science from Harvard. She is dedicated to bringing to the HAD the same scholarly standards exacted by the professional historical societies.

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MICHAEL ZEILIK, II: B.A. Princeton, 1968 (physics), M.A. Harvard 1969 (astronomy), Ph.D. Harvard 1975 (astronomy). He is presently professor of astronomy and associate director of the Institute for Astrophysics at the University of New Mexico. His interests are in infrared observations of star forming regions, activity cycles of RS Can Ven stars, and ethno and archaeo astronomy in the US southwest. He is the author of three astronomy textbooks and particularly enjoys working on the ethno history of the Pueblos.

HAD BALLOT

Vice-Chairman (vote for one)

KATHERINE BRACHER _____

LEROY DOGGETT _____

(additional candidate) _____

Committee Members (vote for two)

SAMUEL GOLDSTEIN _____

ARTHUR HOAG _____

BARBARA WELTHER _____

MICHAEL ZEILIK _____

(Additional Candidate) _____

Return Ballot by October 20

Return Ballot To: David H. DeVorkin,
Room 3557
National Air and Space Museum,
Washington DC 20560.

TEAR SHEET FOR
H.A.D. Special Session, Friday, 9 January 1987, Clark Library

name

telephone number

address

____ please arrange bus
transfer to and from
the Clark Library

____ please arrange lunch
at the Clark Library

TEAR SHEET FOR HAD FIELD TRIP TO ROCK SITES

name

telephone

address

citizenship

Social Security number

____ \$25 payment enclosed for H.A.D. Archeoastronomy field
trip Saturday, 10 January 1987.

Country of citizenship and Social Security number (if
applicable) are required data for entry to Burro Fields.
Non-U.S. citizens may enter, but citizenship must be reported to
Rocketdyne in advance.
